ABSTRACT

A printer controller for controlling a color printer engine includes an interpreter processor for generating an internal code in band unit from print data being input as a page description language (PDL), a rasterizing processor for developing the internal code into raster data in band unit, a band management processor for managing the raster data in band unit, and a raster data transmitter for transmitting the data in the sequence on the basis of management information from the band management processor. Since the raster data can be managed in band unit, continuity of memory addresses between bands is not necessary, so that the printing time can be shortened.